



THE PROJECT

- Business name: Andrew Tibbitts DDS
- Business type: Dental Office
- Business location: Murrieta, Calif.
- Installation areas:
 - Dental Offices

Andrew Tibbitts DDS is a family dentistry practice in Murrieta, Calif. The dental offices needed a lighting makeover and turned to Seesmart, Inc. to upgrade to LED lighting products.

THE REQUIREMENTS

Any medical practice requires proper lighting, and a dentist office is no exception. Dull lighting can make for poor visibility. Therefore, improved color and brightness were two important requirements for this retrofit. In addition, the dental office wanted environmental and cost savings as well.

THE PRODUCTS

LED tube-light products from Seesmart were chosen for the retrofit. Eighty-four of Seesmart's 15-watt 4-ft LED tube lights replaced 84 old, dim 32-watt 4-ft fluorescent tubes. With greater total lumen output and an estimated 50,000-hr lifetime (L_{70}), this LED lighting product made the most sense for the lighting upgrade.



Seesmart 4-Foot LED Tube Light

SKU: **200732**

Wattage: **15 watts**

Lumen output: **1,800 lumens**

Color temperature: **4,000-4,500K**

Working voltage: **120-277VAC**

Lens/reflector style: **Clear**

L_{70} : **50,000 hrs**



SEESMART CUSTOMER:

TIBBITTS DDS

THE RESULTS

- Annual energy savings: **\$1,746**
- Carbon footprint reduction: **8,784 lbs/yr**
- Installation perks:
 - Reduced maintenance
 - Reduced energy use
 - Cleaner, brighter appearance
 - Dramatically increased light levels

The staff at Tibbitts DDS was delighted with the results of their lighting retrofit. In fact, the owner said, "I like how much brighter everything is." Under Seesmart's new LED lighting, the atmosphere is bright and clean. The improved color is apparent, and the light levels have increased by 15%.

The decision to go LED has financial and environmental savings as well. The ROI for this project is 32 months and the estimated annual energy savings is \$1,746. Overall, the dentist office will also see a carbon footprint reduction of 8,784 pounds per year.

LIGHTING REQUIREMENTS	INSTALLATION RESULTS
Better visual acuity	Increased light output
Long-lasting	50,000 Hours
Annual savings	Estimated annual savings: \$1,746
Energy savings	Carbon footprint reduction: 8,784 lbs/yr
Quicker light-up time	Turns on instantly

CASE STUDY

SEESMART CUSTOMER:

TIBBITTS DDS

